

10/535263

**INFORMATION DISCLOSURE CITATION
IN AN APPLICATION**

(Use several sheets if necessary)

 Attorney Docket No.:
8012-1318

 Application No.:
NEW NATIONAL PHASE

 Applicant:
Satoshi OMURA et al.

 Filing Date:
May 17, 2005

Group Art Unit:

U.S. PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Name	Class	Subclass	Filing date (if appropriate)
	5,312,753	5/17/1994	MacNeil et al.			

FOREIGN PATENT DOCUMENTS

Examiner Initial	Document Number	Date	Country	Class	Subclass	Translation	
						Yes	No
/IM/	WO 93/18779	9/30/1993	WIPO				
/IM/	JP 2003-33188	2/4/2003	JAPAN				

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

/IM/	NAKAGAWA, K. et al., MICROBIAL CONVERSION OF MILBEMYCINS: HYDROXYLATION OF MILBEMYCIN A4 AND RELATED COMPOUNDS BY Cunninghamella echinulata ATCC 9244. J. Antibiot., 1991, Vol. 44, No. 2, pages 232 to 240
	CARTER, G.T. et al., LL-F28249 ANTIBIOTIC COMPLEX: A NEW FAMILY OF ANTIPARASITIC MACROCYCLIC LACTONES. ISOLATION, CHARACTERIZATION AND STRUCTURES OF LL-F28249, J. Antibiot., 1988, vol. 41, No. 4, pages 519 to 529
/IM/	Haruo IKEDA et al., Combinatorial Biosynthesis-Polyketide Kgo butsu o Rei to shite-", Protein, Nucleic acid and Enzyme, Vol. 43, No. 9, (1998), pages 1265 to 1277
/IM/	Haruo IKEDA et al., "Metabolic Engineering no Tenkai-1 Biseibutsu 2ji Taisha Sanbutsu Seigosei no Kinoteki Kakuhen ni yoru Yuyo Bushitsu no Sangyo", Kagaku to Seibutsu, Vol. 34, No. 11, (1996), pages 761 to 771
/IM/	Haruo IKEDA et al., "Series Taisha Kogaku/Seigosei Kogaku (4) Seigosei (2) Hosengin Polyketide Segosei Idenshi no Kaiseki to sono Oyo", Bioscience & industry, Vol. 59, No. 8, (2001), pages 530 to 533
	JP 2003-33188 A (Kyowa Hako Kogyo Co., Ltd.), 04 February, 2003 (04-02-00), (Family: none)
/IM/	MACNEIL D.J. et al., A Comparison of the Genes Encoding the Polyketide Synthases for Avermectin, Erythromycin, and Nemadectin. Ind. Microorg. (Edited by BALTZ R.H. et al.), 1993, pages 245 to 256
/IM/	SHIH T.L. et al., SYNTHESIS OF AN AVERMECTIN-NEMADECTIN HYBRID. Tetrahedron Lett., 1991, Vo.32, No.30, pages 3663 to 3666

EXAMINER:

/IM/

DATE CONSIDERED

07/08/2009

EXAMINER: Initial if citation considered, whether or not citation is in conformance with MPEP § 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to the applicant.

* English language abstract provided for the Examiner's convenience